Order Plans @ www.LDILine.com

L4R1 PANELBOARD

208Y/120 V, 3PH, 4W
225 A, M.L.O.
10,000 AIC
SURFACE MOUNT
GROUND BUS

SERVES: REFRIGERATED CASES & WALK-INS
LOCATION: EDC4
PANEL FURNISHED WITH EDC, INSTALLED BY E.C.

	DESCRIPTION	WIRE	BRKR	PL	A		B		C		PL	BRKR	WIRE	DESCRIPTION	
1	A01 CASE DEFROST (2,6)	4	30 A	2	0.00	1.75					2	30 A	8	*A13 CASE DEFROST (2,6)	2
3							0.00	1.75							4
5	A02 CASE DEFROST (2,6)	6	20 A	2					0.00	1.40	2	20 A	10	*A13 CASE DEFROST (2,6)	6
7					0.00	1.40									8
9	A03 CASE DEFROST (2,6)	4	30 A	2			0.00	1.40			2	20 A	10	*A13 CASE DEFROST (2,6)	10
11									0.00	1.40					12
13	A04 CASE DEFROST (2,6)	8	20 A	2	0.00	0.00					3	30 A	10	A14 COIL DEFROST	14
15							0.00	0.00							16
17									0.00	0.00					18
19	A05 COIL DEFROST (6)	6	30 A	3	0.00	0.42					2	20 A	12	A14 COIL FANS (11)	20
21							0.00	0.42							22
23	A05 COIL FANS (11)	12	20 A	2					0.42	0.43	1	20 A	10	A01 CASE FANS & A/S HTRS (2,6)	24
25					0.42	0.18					1	20 A	12	A02 CASE FANS & A/S HTRS (2)	26
27							0.00	0.43			1	20 A	10	A03 CASE FANS & A/S HTRS (2,6)	28
29	A06 COIL DEFROST (6)	4	30 A	3					0.00	0.18	1	20 A	12	A04 CASE FANS & A/S HTRS (2)	30
31					0.00	0.01					1	20 A	12	A05 BAS CONTROLLER (2)	32
33	A06 COIL FANS (11)	12	20 A	2			0.44	0.01			1	20 A	12	A06 BAS CONTROLLER (2)	34
35									0.44	0.43	1	20 A	12	A07 CASE FANS & A/S HTRS (2)	36
37	A07 CASE DEFROST (2,6)	6	30 A	2	0.00	0.18					1	20 A	12	A08 CASE FANS & A/S HTRS (2)	38
39							0.00	0.43			1	20 A	12	A09 CASE FANS & A/S HTRS (2)	40
41	A08 CASE DEFROST (2,6)	8	20 A	2					0.00	0.18	1	20 A	12	A10 CASE FANS & A/S HTRS (2)	42
43					0.00	0.12					1	20 A	12	A11 CASE FANS & LIGHTS	44
45	A09 CASE DEFROST (2,6)	6	30 A	2			0.00	0.19			1	20 A	12	A11 CASE A/S HTRS (2)	46
47									0.00	1.08	1	20 A	10	A12 CASE FANS & LIGHTS (6)	48
49	A10 CASE DEFROST (2,6)	8	20 A	2	0.00	1.61					1	20 A	8	A12 CASE A/S HTRS (2,6)	50
51							0.00	0.78			1	20 A	10	A13 CASE FANS & LIGHTS (6)	52
53	A11 CASE DEFROST (2)	12	20 A	2					0.00	1.16	1	20 A	8	A13 CASE A/S HTRS (2,6)	54
55					0.00	0.01					1	20 A	12	A14 BAS CONTROLLER (2)	56
57	*A12 CASE DEFROST (2,6)	8	30 A	2			1.75	0.18			1	20 A	12	A02 CASE RECEPTACLE	58
59									1.75	0.18	1	20 A	12	A02 CASE RECEPTACLE	60
61	*A12 CASE DEFROST (2,6)	8	30 A	2	1.75	0.18					1	20 A	12	A04 CASE RECEPTACLE	62
63							1.75	0.18			1	20 A	12	A04 CASE RECEPTACLE	64
65	*A12 CASE DEFROST (2,6)	8	30 A	2					1.75	0.18	1	20 A	12	A08 CASE RECEPTACLE	66
67					1.75	0.18					1	20 A	12	A08 CASE RECEPTACLE	68
69	*A12 CASE DEFROST (2)	12	20 A	2			1.05	0.18			1	20 A	12	A10 CASE RECEPTACLE	70
71									1.05	0.18	1	20 A	12	A10 CASE RECEPTACLE	72
73	SPACE	--	--	--	0.00	0.18					1	20 A	12	A12 CASE RECEPTACLE	74
75	SPACE	--	--	--			0.00	0.00			--	--	--	SPACE	76
77	SPACE	--	--	--					0.00	0.00	1	20 A	--	SPARE	78
79	SPACE	--	--	--	0.00	0.00					1	20 A	--	SPARE	80
81	SPACE	--	--	--			0.00	0.00			1	20 A	--	SPARE	82
83	SPACE	--	--	--					0.00	0.00	1	20 A	--	SPARE	84
	TOTAL CONNECTED				10.13		10.92		12.21		KVA				
	TOTAL CONNECTED				84.46		92.05		102.79		AMPS				
	TOTAL LOAD				33.27		KVA		92.36		AMPS				
	PER NEC ARTICLE 220 FEEDER LOAD				33.27		KVA		92.36		AMPS				

L4R2 PANELBOARD

208Y/120 V, 3PH, 4W
225 A, M.L.O.
10,000 AIC
SURFACE MOUNT
GROUND BUS

SERVES: REFRIGERATED CASES & WALK-INS
LOCATION: EDC4
PANEL FURNISHED WITH EDC, INSTALLED BY E.C.

	DESCRIPTION	WIRE	BRKR	PL	A		B		C		PL	BRKR	WIRE	DESCRIPTION	
1	*AS02 COIL DEFROST (6)	4	30 A	2	2.35	0.90					1	20 A	6	AS01 CASE FANS & LIGHTS (6)	2
3							2.35	0.01			1	20 A	12	AS02 BAS CONTROLLER (2)	4
5	*AS02 COIL DEFROST (6)	4	30 A	2					2.35	0.44	1	20 A	10	AS03 COIL FANS & BAS CTRL (2,6)	6
7					2.35	0.61					1	20 A	8	AS04 CASE FANS & A/S HTRS (2,6)	8
9	AS02 COIL FANS (11)	12	20 A	2			0.00	0.18			1	[illegible]	12	AS05 CASE FANS & A/S HTRS (2)	10
11									0.00	0.61	1	20 A	8	AS06 CASE FANS & A/S HTRS (2,6)	12
13	*AS04 CASE DEFROST (2,6)	6	30 A	3	2.56	1.02					1	20 A	[illegible]	AS07 CASE FANS & LIGHTS (6)	14
15							2.56	0.36			[illegible]	20 A	[illegible]	AS08 CASE A/S HTRS (2,6)	16
17									[illegible]	0.11	[illegible]	20 A	[illegible]	AS08 CASE FANS & LIGHTS (6)	18
19	AS05 CASE DEFROST (2,6)	6	20 A	2	0.00	0.53					[illegible]	20 A	12	AS09 CASE FANS & LIGHTS	20
21							0.00	0.53			1	20 A	12	AS10 CASE FANS & LIGHTS	22
23									[illegible]	0.67	[illegible]	20 A	12	[illegible] CASE FANS & LIGHTS	24
25	AS06 CASE DEFROST (2,6)	6	30 A	3	0.00	0.67					[illegible]	20 A	12	[illegible] CASE FANS & LIGHTS	26
27							0.00	0.53			1	20 A	12	[illegible] CASE FANS & LIGHTS	28
29	AS15 COIL DEFROST	12	20 A	2					0.00	[illegible]	1	20 A	12	AS13 CASE FANS & LIGHTS	30
31					0.00	0.01					1	20 A	12	AS15 BAS CONTROLLER (2)	32
33	AS15 COIL FANS (11)	12	20 A	2			[illegible]	0.23			[illegible]	20 A	12	AS16 COIL FANS & BAS CNTRL (2)	34
35									0.10	0.18	[illegible]	20 A	12	AS04 CASE RECEPTACLE	36
37	SPACE	--	--	--	0.00	0.18					[illegible]	20 A	12	AS04 CASE RECEPTACLE	38
39	SPACE	--	--	--			[illegible]	0.18			1	20 A	12	AS05 CASE RECEPTACLE	40
41	SPACE	--	--	--					0.00	0.18	1	20 A	12	AS05 CASE RECEPTACLE	42
43	SPACE	--	--	--	0.00	[illegible]					1	20 A	12	AS06 CASE RECEPTACLE	44
45	SPACE	--	--	--			0.00	0.18			1	20 A	12	AS06 CASE RECEPTACLE	46
47	SPACE	--	--	--					0.00	0.54	1	20 A	12	AS13 CASE RECEPTACLES (4)	48
49	SPACE	--	--	--	[illegible]	0.86					1	20 A	8	DAIRY COOLER DR LTS (6,11)	50
51	SPACE	--	--	--			[illegible]	1.17			1	20 A	4	DAIRY COOLER DR HTRS (2,6)	52
53	SPACE	--	--	--					0.00	0.00	--	--	--	SPACE	54
55	SPACE	--	--	--	0.00	[illegible]					--	--	--	SPACE	56
57	SPACE	--	--	--			0.00	0.00			--	--	--	SPACE	58
59	[illegible]								0.00	0.00	--	--	--	SPACE	60
61	[illegible]				0.00	0.00					--	--	--	SPACE	62
63	SPACE						0.00	0.00			--	--	--	SPACE	64
65	SPACE	--	--	--					0.00	0.00	--	--	--	SPACE	66
67	SPACE	--	--	--	0.00	0.00					--	--	--	SPACE	68
69	SPACE	--	--	--			0.00	0.00			--	--	--	SPACE	70
71	SPACE	--	--	--					0.00	0.00	--	--	--	SPACE	72
73	SPACE	--	--	--	0.00	0.00					--	--	--	SPACE	74
75	SPACE	--	--	--			0.00	0.00			--	--	--	SPACE	76
77	SPACE	--	--	--					0.00	0.00	1	20 A	--	SPARE	78
79	SPACE	--	--	--	0.00	0.00					1	20 A	--	SPARE	80
81	[illegible]	--	--	--			0.00	0.00			1	20 A	--	SPARE	82
83	SPACE	--	--	--					0.00	0.00	1	20 A	--	SPARE	84
	TOTAL CONNECTED				12.22		8.39		8.54		KVA				
	TOTAL CONNECTED				102.05		69.92		71.37		AMPS				
	TOTAL LOAD				29.15		KVA		80.92		AMPS				
	PER NEC ARTICLE 220 FEEDER LOAD				29.10		KVA		80.77		AMPS				

L4R3 PANELBOARD

208Y/120 V, 3PH, 4W
225 A, M.L.O.
10,000 AIC
SURFACE MOUNT
GROUND BUS

SERVES: REFRIGERATED CASES & WALK-INS
LOCATION: EDC4
PANEL FURNISHED WITH EDC, INSTALLED BY E.C.

	DESCRIPTION	WIRE	BRKR	PL	A		B		C		PL	BRKR	WIRE	DESCRIPTION	
1	B01 CASE DEFROST (2,6)	8	20 A	2	0.00	0.00					2	30 A	8	B08 CASE DEFROST (2,6)	2
3							0.00	0.00							4
5	B01 CASE DEFROST (2,6)	8	20 A	2					0.00	0.00	2	20 A	8	B09 CASE DEFROST (2,6)	6
7					0.00	0.00									8
9	B02 CASE DEFROST (2,6)	8	30 A	2			0.00	0.00			2	30 A	8	B09 CASE DEFROST (2,6)	10
11									0.00	0.00					12
13	B02 CASE DEFROST (2,6)	8	30 A	2	0.00	0.00					2	30 A	8	B09 CASE DEFROST (2,6)	14
15							0.00	0.00							16
17	B02 CASE DEFROST (2,6)	8	30 A	2					0.00	0.00	2	30 A	8	B10 CASE DEFROST (2,6)	18
19					0.00	0.00									20
21	*B03 CASE DEFROST (2,6)	8	30 A	2			1.75	0.00			2	30 A	8	B10 CASE DEFROST (2,6)	22
23									1.75	0.00					24
25	*B03 CASE DEFROST (2,6)	8	30 A	2	1.75	0.00					2	30 A	8	B10 CASE DEFROST (2,6)	26
27							1.75	0.00							28
29	*B03 CASE DEFROST (2,6)	6	30 A	2					2.44	0.00	2	20 A	10	B11 CASE DEFROST (2,6)	30
31					2.44	0.00									32
33	B04 CASE DEFROST (2,6)	8	30 A	2			0.00	0.00			2	30 A	8	B11 CASE DEFROST (2,6)	34
35									0.00	0.00					36
37	B04 CASE DEFROST (2,6)	8	30 A	2	0.00	0.00					2	30 A	8	B11 CASE DEFROST (2,6)	38
39							0.00	0.00							40
41	B04 CASE DEFROST (2,6)	8	30 A	2					0.00	0.46	1	20 A	12	B01 CASE FANS & LIGHTS	42
43					0.00	0.72					1	20 A	10	B01 CASE A/S HTRS (2,6)	44
45	*B05 CASE DEFROST (2,6)	8	30 A	2			1.75	1.33			1	20 A	8	B02 CASE A/S HTRS (2,6)	46
47									1.75	0.90	1	20 A	10	B02 CASE FANS & LIGHTS (6)	48
49	*B05 CASE DEFROST (2,6)	8	30 A	2	1.75	1.02					1	20 A	8	B03 CASE FANS & LIGHTS (6)	50
51							1.75	1.52			1	20 A	6	B03 CASE A/S HTRS (2,6)	52
53	*B05 CASE DEFROST (2,6)	8	30 A	2					2.44	0.90	1	20 A	10	B04 CASE FANS & LIGHTS (6)	54
55					2.44	1.33					1	20 A	8	B04 CASE A/S HTRS (2,6)	56
57							0.00	1.52			1	20 A	8	B05 CASE A/S HTRS (2,6)	58
59	B06 COIL DEFROST	10	30 A	3					0.00	1.02	1	20 A	10	B05 CASE FANS & LIGHTS (6)	60
61					0.00	0.01					1	20 A	12	B06 BAS CONTROLLER (2)	62
63	B06 COIL FANS (11)	12	20 A	2			0.52	0.01			1	20 A	12	B07 BAS CONTROLLER (2)	64
65									0.52	0.96	1	20 A	10	B09 CASE FANS & LIGHTS (6)	66
67					0.00	1.44					1	20 A	8	B09 CASE A/S HTRS (2,6)	68
69	B07 COIL DEFROST	12	20 A	3			0.00	1.25			1	20 A	6	B10 CASE A/S HTRS (2,6)	70
71									0.00	0.84	1	20 A	8	B10 CASE FANS & LIGHTS (6)	72
73	B07 COIL FANS (11)	12	20 A	2	0.26	0.96					1	20 A	10	B11 CASE FANS & LIGHTS (6)	74
75							0.26	1.44			1	20 A	8	B11 CASE A/S HTRS (2,6)	76
77	B08 CASE DEFROST (2,6)	6	30 A	2					0.00	1.25	1	20 A	8	B12 CASE A/S HTRS (2,6)	78
79					0.00	0.84					1	20 A	10	B12 CASE FANS & LIGHTS (6)	80
81	B08 CASE DEFROST (2,6)	8	30 A	2			0.00	0.00			1	20 A	--	SPARE	82
83									0.00	0.00	1	20 A	--	SPARE	84
	TOTAL CONNECTED				14.96		14.85		15.25		KVA				
	TOTAL CONNECTED				124.85		123.72		127.23		AMPS				
	TOTAL LOAD				45.06		KVA		125.07		AMPS				
	PER NEC ARTICLE 220 FEEDER LOAD				45.06		KVA		125.07		AMPS				

L4R4 PANELBOARD

208Y/120 V, 3PH, 4W
100 A, M.L.O.
10,000 AIC
SURFACE MOUNT
GROUND BUS

SERVES: REFRIGERATED CASES & WALK-INS
LOCATION: EDC4
PANEL FURNISHED WITH EDC, INSTALLED BY E.C.

	DESCRIPTION	WIRE	BRKR	PL	A		B		C		PL	BRKR	WIRE	DESCRIPTION	
1	*BS20 COIL DEFROST	10	30 A	2	2.35	0.22					1	20 A	12	BS01 CASE FANS & LIGHTS	2
3							2.35	0.20			1	20 A	12	BS02 CASE FANS & LIGHTS	4
5	*BS20 COIL DEFROST	10	30 A	2					[illegible]	0.30	1	20 A	12	BS03 CASE FANS & LIGHTS	6
7					2.35	0.31					1	20 A	12	BS04 CASE FANS & LIGHTS	8
9	*BS20 COIL FANS (11)	12	20 A	2			[illegible]	0.66			[illegible]	20 A	12	BS05 CASE FANS & LIGHTS	10
11									[illegible]	[illegible]	[illegible]	20 A	12	BS06 CASE FANS & LIGHTS	12
13	SPACE	--	--	--	0.00	0.26					[illegible]	20 A	12	BS07 CASE FANS & LIGHTS	14
15	SPACE	--	--	--			0.00	0.66			1	20 A	8	BS08 COIL FAN & BAS CTRL (2,6)	16
17	SPACE	--	--	--					[illegible]	1.30	1	20 A	6	BS08 COIL FANS (6)	18
19	SPACE	--	--	--	[illegible]	0.66					1	20 A	8	BS09 COIL FANS & BAS CTRL (2,6)	20
21	SPACE	--	--	--			0.00	0.87			1	20 A	8	BS10 COIL FANS & BAS CTRL (2,6)	22
23	SPACE	--	--	--					0.00	0.26	1	20 A	12	BS11 CASE FANS & LIGHTS	24
25	SPACE	--	--	--	0.00	0.35					1	20 A	12	BS12 CASE FANS & LIGHTS	26
27	SPACE	--	--	--			0.00	0.35			1	20 A	12	BS13 CASE FANS & LIGHTS	28
29	SPACE	--	--	--					0.00	0.99	1	20 A	10	BS14 CASE FANS & LIGHTS (6)	30
31	SPACE	--	--	--	0.00	[illegible]					1	20 A	12	BS15 CASE FANS & LIGHTS	32
33	SPACE	--	--	--			0.00	0.99			1	20 A	10	BS16 CASE FANS & LIGHTS (6)	34
35	SPACE	--	--	--					0.00	0.23	1	20 A	12	BS17 COIL FANS & BAS CTRL (2)	36
37	SPACE	--	--	--	0.00	[illegible]					1	20 A	12	BS18 CASE FANS & LIGHTS	38
39	SPACE	--	--	--			0.00	0.22			1	20 A	12	BS19 CASE FANS & LIGHTS	40
41	[illegible]	--	--	--					0.00	0.01	1	20 A	12	BS20 BAS CONTROLLER (2)	42
43	SPACE	--	--	--	[illegible]	0.00					--	--	--	SPACE	44
45	SPACE	--	--	--			0.00	0.00			--	--	--	SPACE	46
47	[illegible]	--	--	--					0.00	0.00	--	--	--	SPACE	48
49	[illegible]	--	--	--	0.00	0.00					--	--	--	SPACE	50
51	SPACE	--	--	--			0.00	0.00			--	--	--	SPACE	52
53	B03 CASE RECEPTACLE	12	20 A	1					0.18	0.00	1	20 A	--	SPARE	54
55	B05 CASE RECEPTACLE	12	20 A	1	0.18	0.00					1	20 A	--	SPARE	56
57	B09 CASE RECEPTACLE	12	20 A	1			0.18	0.00			1	20 A	--	SPARE	58
59	[illegible] CASE RECEPTACLE	12	20 A	1					0.18	0.00	1	20 A	--	SPARE	60
	TOTAL CONNECTED				7.72		6.48		5.94		KVA				
	TOTAL CONNECTED				65.00		54.65		49.53		AMPS				
	TOTAL LOAD				20.14		KVA		55.90		AMPS				
	PER NEC ARTICLE 220 FEEDER LOAD				20.14		KVA		55.90		AMPS				

L3D PANELBOARD

208Y/120 V, 3PH, 4W
150 A, M.C.B.
(7) AIC, SERIES RATED
SURFACE MOUNT
GROUND BUS

SERVES: TLE EQUIPMENT
LOCATION: EDC3
PANEL PROVIDED WITH EDC

	DESCRIPTION	WIRE	BRKR	PL	A		B		C		PL	BRKR	WIRE	DESCRIPTION	
1	WH (TLE) (2,6)	10	25 A	1	2.00	0.24					1	20 A	12	CASH WRAP	2
3	HAND DRYER (2)	12	20 A	1			1.14	0.02			1	20 A	12	DOOR LOCK / ALARM	4
5	EF (TLE TOILET/MECH)	12	20 A	1					0.25	0.68	1	20 A	12	LASER PRINTER	6
7	AIR DRYER / RECEPTACLES	12	20 A	1	1.34	0.68					1	20 A	12	LASER PRINTER	8
9	DOOR OPERATOR (2)	12	20 A	1			0.60	0.48			1	20 A	12	EWC (4)	10
11	SERVICE RECEPTACLES	12	20 A	1					0.72	0.54	1	20 A	12	TIRE LOOKUP	12
13	DATA SYSTEMS RACK	12	15 A	1	0.18	0.00					1	20 A	--	SPARE	14
15	EAS (3)	12	20 A	1			0.36	1.18			1	20 A	12	DRY PIPE COMPRESSOR (2)	16
17	TIRE BALANCER	12	20 A	2					0.83	1.92	1	20 A	10	VACUUM (2,6)	18
19					0.83	1.92					1	20 A	8	VACUUM (2,6)	20
21	ZIP PIT LIFT / RECEPTS (2)	12	20 A	2			1.36	0.55			1	20 A	12	PIT ALARM PANEL/EF/PIT LTS (3)	22
23									1.38	1.44	1	20 A	12	VENTILATION FANS (TLE)	24
25	ZIP PIT LIFT / RECEPTS (2)	12	20 A	2	1.38	0.83					2	20 A	12	TIRE BALANCER	26
27							1.38	0.63							28
29	ZIP PIT LIFT / RECEPTS (2)	12	20 A	2					1.38	0.54	1	20 A	12	TIRE LOOKUP	30
31					1.38	0.54					1	20 A	12	TIRE LOOKUP	32
33	TIRE CHANGER	12	20 A	1			1.32	0.00			1	20 A	--	SPARE	34
35	TIRE CHANGER	12	20 A	1					1.32	0.00	1	20 A	--	SPARE	36
37	CUSTOMER SERVICE TV / LPTV	12	20 A	1	0.48	0.00					1	20 A	--	SPARE	38
39	COFFEE VENDING (4,6)	10	20 A	1			1.92	0.92			1	15 A	12	ACUH (TLE)	40
41	VENDING MACHINE (4,6)	10	20 A	1					1.44	0.92	1	15 A	12	ACUH (TLE)	42
	TOTAL CONNECTED				11.80		12.08		13.36		KVA				
	TOTAL CONNECTED				98.33		100.99		111.70		AMPS				
	TOTAL LOAD				37.24		KVA		103.36		AMPS				
	PER NEC ARTICLE 220 FEEDER LOAD				37.34		KVA		103.63		AMPS				

LGC PANELBOARD

208Y/120 V, 3PH, 4W
100 A, M.L.O.
10,000 AIC
SURFACE MOUNT
GROUND BUS

SERVES: GARDEN CENTER
LOCATION: GARDEN CENTER
PANEL FURNISHED WITH EDC, INSTALLED BY E.C.

	DESCRIPTION	WIRE	BRKR	PL	A		B		C		PL	BRKR	WIRE	DESCRIPTION	
1	DRIVE-THRU CASH WRAP	12	15 A	1	0.08	0.16					1	20 A		16D PORTABLE REGISTER	2
3	EAS (3)	12	20 A	1			0.32	0.00			1	20 A	--	SPARE	4
5	16A GC CASH WRAP	12	20 A	1					1.63	0.00	1	20 A	--	SPARE	6
7	DRIVE-THRU CASH WRAP	12	15 A	1	0.18	0.00					1	20 A	--	SPARE	8
9	GC DOOR OPERATOR (2)	12	20 A	1			0.60	0.00			--	--	--	SPACE	10
11	16C GC FLOOR DISPLAY (6)	10	20 A	1					0.90	0.00	--	--	--	SPACE	12
13	MECHANICAL ROOM	12	20 A	1	0.28	0.00					--	--	--	SPACE	14
15	GC WATERING CONTROL (3)	12	20 A	1			0.18	0.00			--	--	--	SPACE	16
17	DATA SYSTEMS RACK	12	15 A	1					0.18	0.00	--	--	--	SPACE	18
19	GC DOOR OPERATOR (2,6)	10	20 A	1	0.60	0.00					--	--	--	SPACE	20
21	SPARE	--	20 A	1			0.00	0.00			--	--	--	SPACE	22
23	SPARE	--	20 A	1					0.00	0.00	--	--	--	SPACE	24
	TOTAL CONNECTED				1.30		1.10		2.71		KVA				
	TOTAL CONNECTED				11.09		9.17		22.86		AMPS				
	TOTAL LOAD				5.11		KVA		14.19		AMPS				
	PER NEC ARTICLE 220 FEEDER LOAD				5.14		KVA		14.26		AMPS				

LTS1 PANELBOARD

[illegible] V, 3PH, [illegible]
[illegible] A, M.L.O.
[illegible] AIC
FLUSH MOUNT
GROUND BUS

SERVES: TENANT SPACE
LOCATION: TENANT SPACE
PANEL FURNISHED WITH EDC, INSTALLED BY E.C.

	DESCRIPTION	WIRE	BRKR	PL	A		B		C		PL	BRKR	WIRE	DESCRIPTION	
1	JUNCTION BOX	12	20 A	1	0.36	0.36					1	20 A	12	RECEPTACLES	2
3	JUNCTION BOX	12	20 A	1			0.36	[illegible]			[illegible]	20 A	12	RECEPTACLES	4
5	TENANT SIGNAGE (2)	12	20 A	1					1.20	0.36	[illegible]	20 A	12	RECEPTACLES	6
7	RECEPTACLES	12	20 A	1	0.36	0.36					[illegible]	20 A	12	RECEPTACLES	8
9	RECEPTACLES	12	20 A	1			[illegible]	0.00			--	--	--	SPACE	10
11	SPARE	--	20 A	1					[illegible]	0.00	--	--	--	SPACE	12
13	SPARE	--	20 A	1	[illegible]	0.00					--	--	--	SPACE	14
15	SPARE	--	20 A	1			0.00	[illegible]			--	--	--	SPACE	16
17	SPARE	--	20 A	1					0.00	[illegible]	--	--	--	SPACE	18
19	SPACE	--	-	--	[illegible]	0.00					--	--	--	SPACE	20
21	SPACE	--	--	--			0.00	[illegible]			--	--	--	SPACE	22
23	SPACE	--	--	--					0.00	0.00	--	--	--	SPACE	24
	TOTAL CONNECTED				[illegible]		[illegible]		1.56		KVA				
	TOTAL CONNECTED				[illegible]		[illegible]		13.46		AMPS				
	TOTAL LOAD				4.08		[illegible]		11.32		AMPS				
	PER NEC ARTICLE 220 FEEDER LOAD				4.08		KVA		11.32		AMPS				

LTS2 PANELBOARD

208Y/120 V, 3PH, 4W
100 A, M.L.O.
10,000 AIC
FLUSH MOUNT
GROUND BUS

SERVES: TENANT SPACE
LOCATION: TENANT SPACE
PANEL FURNISHED WITH EDC, INSTALLED BY E.C.

	DESCRIPTION	WIRE	BRKR	PL	A		B		C		PL	BRKR	WIRE	DESCRIPTION	
1	JUNCTION BOX	12	20 A	1	0.36	0.36					1	20 A	12	RECEPTACLES	2
3	JUNCTION BOX	12	20 A	1			0.36	0.36			1	20 A	12	RECEPTACLES	4
5	TENANT SIGNAGE (2)	12	20 A	1					1.20	0.36	1	20 A	12	RECEPTACLES	6
7	RECEPTACLES	12	20 A	1	0.36	0.36					1	20 A	12	RECEPTACLES	8
9	RECEPTACLES	12	20 A	1			0.36	0.00			--	--	--	SPACE	10
11	SPARE	--	20 A	1					0.00	0.00	--	--	--	SPACE	12
13	SPARE	--	20 A	1	0.00	0.00					--	--	--	SPACE	14
15	SPARE	--	20 A	1			0.00	0.00			--	--	--	SPACE	16
17	SPARE	--	20 A	1					0.00	0.00	--	--	--	SPACE	18
19	SPACE	--	--	--	0.00	0.00					--	--	--	SPACE	20
21	SPACE	--	--	--			0.00	0.00			--	--	--	SPACE	22
23	SPACE	--	--	--					0.00	0.00	--	--	--	SPACE	24
	TOTAL CONNECTED				1.44		1.08		1.56		KVA				
	TOTAL CONNECTED				12.46		9.00		13.46		AMPS				
	TOTAL LOAD				4.08		KVA		11.32		AMPS				
	PER NEC ARTICLE 220 FEEDER LOAD				4.08		KVA		11.32		AMPS				

LRX PANELBOARD

208Y/120 V, 3PH, 4W
100 A, M.L.O.
10,000 AIC
FLUSH MOUNT
GROUND BUS

SERVES: PHARMACY
LOCATION: PHARMACY
PANEL FURNISHED WITH EDC, INSTALLED BY E.C.

	DESCRIPTION	WIRE	BRKR	PL	A		B		C		PL	BRKR	WIRE	DESCRIPTION	
1	EF (PHARMACY) / RECEPT	12	20 A	1	0.43	0.90					1	20 A	12	CHECKOUT RECEPTACLES	2
3	LASER PRINTER	12	20 A	1			0.60	0.24			1	20 A	12	CASH REGISTERS	4
5	CPU / ZEBRA PRINTERS	12	20 A	1					0.54	0.72	1	20 A	12	CHECKOUT RECEPTACLES	6
7	LASER PRINTER	12	20 A	1	0.65	0.72					1	20 A	12	DESK RECEPTACLES	8
9	WORK COUNTER RECEPTS	12	20 A	1			0.36	0.72			1	20 A	12	ZEBRA PRINTERS	10
11	HEALTH SERVICES RECEPT	12	20 A	1					1.14	0.36	1	20 A	12	SCANNER / PRINTER	12
13	WORK COUNTER CPU'S	12	20 A	1	0.54	0.36					1	20 A	12	40C \ 40A BLOOD PRESSURE	14
15	WH (PHARMACY) (2)	10	25 A	1			2.00	0.08			1	20 A	12	AUDIO / VIDEO MATRIX	16
17	HAND DRYER (2)	12	20 A	1					1.14	0.68	1	20 A	12	SHREDDER	18
19	REFRIGERATORS	12	20 A	1	0.32	1.27					1	20 A	12	BLOWER MOTOR	20
21	FREEZER	12	20 A	1			0.36	1.27			1	20 A	12	BLOWER MOTOR	22
23	FREEZER	12	20 A	1					0.36	1.27	1	20 A	12	BLOWER MOTOR	24
25	WORKSTATION EQUIPMENT	12	20 A	1	0.96	1.27					1	20 A	12	BLOWER MOTOR	26
27	ABOVE CABINET RECEPT	12	20 A	1			0.18	1.27			1	20 A	12	BLOWER MOTOR	28
29	LPTV	12	20 A	1					0.24	1.27	1	20 A	12	BLOWER MOTOR	30
31	SPACE	--	--	--	0.00	1.27					1	20 A	12	BLOWER MOTOR	32
33	SPACE	--	--	--			0.00	1.27			1	20 A	12	BLOWER MOTOR	34
35	SPACE	--	--	--					0.00	0.00	1	20 A	--	SPARE	36
37	SPACE	--	--	--	0.00	0.00					1	20 A	--	SPARE	38
39	SPACE	--	--	--			0.00	0.00			1	20 A	--	SPARE	40
41	SPACE	--	--	--					0.00	0.00	1	20 A	--	SPARE	42
	TOTAL CONNECTED				8.70		8.35		7.72		KVA				
	TOTAL CONNECTED				73.27		70.39		64.33		AMPS				
	TOTAL LOAD				24.77		KVA		68.74		AMPS				
	PER NEC ARTICLE 220 FEEDER LOAD				24.77		KVA		68.74		AMPS				

LVC PANELBOARD

208Y/120 V, 3PH, 4W
100 A, M.L.O.
10,000 AIC
FLUSH MOUNT
GROUND BUS

SERVES: VISION CENTER
LOCATION: VISION CENTER
PANEL FURNISHED WITH EDC, INSTALLED BY E.C.

	DESCRIPTION	WIRE	BRKR	PL	A		B		C		PL	BRKR	WIRE	DESCRIPTION	
1	CONTACTS/HALLWAY RECEPTS	12	20 A	1	1.44	0.72					1	20 A	12	PRETEST RECEPTACLES	2
3	ADJUSTMENTS RECEPTACLE	12	20 A	1			0.36	0.72			1	20 A	12	OPTICAL SALES RECEPTACLES	4
5	EXAM RECEPTACLES	12	20 A	1					1.08	1.44	1	20 A	12	49B DISPENSING TABLES	6
7	PLUGMOLD (4)	12	20 A	1	0.18	0.25					1	20 A	12	EF (VISION CENTER)	8
9	TINT BATH	12	20 A	1			0.18	0.56			1	20 A	12	EXAM/CONTACTS/PRETEST LTS	10
11	EDGER	12	20 A	1					0.18	0.72	1	20 A	12	EXAM COUNTER RECEPTACLES	12
13	PLUGMOLD (4)	12	20 A	1	0.50	0.54					1	20 A	12	SALES DESK RECEPTS	14
15	RECEPTION RECEPTACLES	12	20 A	1			1.08	1.20			1	20 A	12	PRINTER / FAX	16
17	SPARE	--	20 A	1					0.00	0.00	1	20 A	--	SPARE	18
19	SPACE	--	--	--	0.00	0.00					--	--	--	SPACE	20
21	SPACE	--	--	--			0.00	0.00			--	--	--	SPACE	22
23	SPACE	--	--	--					0.00	0.00	--	--	--	SPACE	24
	TOTAL CONNECTED				3.63		4.10		3.42		KVA				
	TOTAL CONNECTED				30.54		34.44		28.50		AMPS				
	TOTAL LOAD				11.15		KVA		30.95		AMPS				
	PER NEC ARTICLE 220 FEEDER LOAD				11.29		KVA		31.34		AMPS				

PANELBOARD NOTES

(1) TERMINATE GROUND ON ISOLATED GROUND BUS.
(2) INSTALL LOCKING DEVICE FURNISHED WITH PANELBOARD (LOCK-OFF FOR MAINTENANCE).
(3) INSTALL LOCKING DEVICE FURNISHED WITH PANELBOARD (LOCK-ON FOR CRITICAL LOAD).
(4) GFI BREAKER FOR PERSONNEL PROTECTION (5 mA).
(5) GFI BREAKER FOR EQUIPMENT PROTECTION (30 mA).
(6) CONDUCTOR SIZE HAS BEEN INCREASED FOR VOLTAGE DROP. SIZE EQUIPMENT GROUNDING CONDUCTOR PROPORTIONALLY PER NEC.
(7) REFER TO ONE-LINE DIAGRAM FOR AVA[illegible] FAULT CURRENT FOR INTERRUPTING RATINGS.
(8) REFER TO ONE-LINE DIAGRAM FOR WIRE SIZES.
(9) FACTORY WIRED TO [illegible]
(10) REFER TO SITE LIGHTING PLAN FOR [illegible] SIZES.
(11) THRU CONTACTOR.
(12) FACTORY PROVIDED WITH RED LABEL FOR FIRE ALARM CIRCUIT.
([illegible]) DUAL TAP BREAKER. [illegible] EMERGENCY/NIGHT LIGHTING TO UNSWITCHED TERMINATION.
(X) DESIGNATES "SMART" BREAKER.

* [illegible]ILL ALLOW ONLY TWO DEFROST CIRCUITS [illegible] REFRIGERATION SYSTEM TO RUN CONCURRENTLY. LOADS ARE ONLY SHOWN FOR THE TWO LARGEST "A" RACK, "AS" RACK, "B" RACK AND "BS" RACK DEFROST CIRCUITS. DEFROST PANELS ARE SIZED FOR THE TWO LARGEST DEFROST CIRCUITS OCCURRING ON EACH PANEL PLUS ALL CONTINUOUS LOAD. NON-COINCIDENT DEFROST LOADS ARE NOT INCLUDED IN THE TOTAL.

RETAIL DESIGN COLLABORATIVE
[illegible] Drive [illegible]
[illegible] 703.668.[illegible]
rdcollabor[illegible].com

STIPULATION FOR REUSE
THIS DRAWING WAS PREPARED FOR USE ON A SPECIFIC SITE AT: LEESBURG, VIRGINIA CONTEMPORANEOUSLY WITH ITS ISSUE DATE ON 09/13/17 AND IT IS NOT SUITABLE FOR USE ON A DIFFERENT PROJECT SITE OR AT A LATER TIME. USE OF THIS DRAWING FOR REFERENCE OR EXAMPLE ON ANOTHER PROJECT REQUIRES THE SERVICES OF PROPERLY LICENSED ARCHITECTS AND ENGINEERS. REPRODUCTION OF THIS DRAWING FOR REUSE ON ANOTHER PROJECT IS NOT AUTHORIZED AND MAY BE CONTRARY TO THE LAW.

CONSULTANTS
Randall C. Hasse P.E.
SUITE 5539
1605 N 2ND ST
ROGERS, AR 72756
479-636-5004 800-321-8721
JOB NO: [illegible]
DESIGNED BY: GAR

Walmart
LEESBURG, VIRGINIA
STORE NO: 1904
JOB NUMBER: 11080-26 PROTO 190 SGL-QL

ISSUE BLOCK
11/30/17 OTB

CHECKED BY: SAG
DRAWN BY: GAR
FILE NAME: E4.3
PROTO CYCLE: 04/28/17
DOCUMENT DATE: 09/13/17

BID SET
NOT FOR
CONSTRUCTION

PANELBOARD SCHEDULES

SHEET: E4.3